First Order Fire Effects Model

FOFEM
Version 5.0

USDA-FS ~ Rocky Mountain Research Station
Missoula Fire Sciences Laboratory ~ Fire Effects Research

What is it ?

FOFEM is an easy to use computer program to predict the effects of prescribed fire and wildfire, in forests and rangelands throughout the U.S.

What type of information will you find ?

Quantitative, site-specific predictions of:

Tree Mortality
* by species and size
* by flame length

Fuel Consumption
* duff
* woody fuels
* live fuel inc. canopy

Smoke
* crown or surface fires
* site specific emission factors
* combustion efficiency
* PM2.5, PM10, CO

FOFEM can help you:

* Compare alternatives   * Predict effects of prescribed fire or wildfire
* Design fire predictors   * Develop salvage criteria
* Assess fire hazard - site specific or broadscale

Available at: http://www.fire.org
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